

Patent Abstracts of Japan

PUBLICATION NUMBER : 03150030
PUBLICATION DATE : 26-06-91

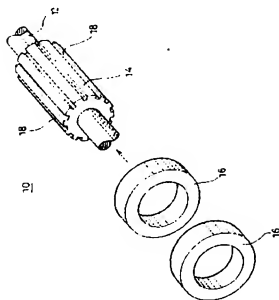
APPLICATION DATE : 01-11-89
APPLICATION NUMBER : 01286480

APPLICANT : SHIBAURA ENG WORKS CO LTD;

INVENTOR : MURAKAMI TOSHIAKI;

INT.CL. : H02K 1/27

TITLE : ROTOR



ABSTRACT : PURPOSE: To obtain a rotor, in which a ring magnet can be fitted coaxially onto a shaft, by providing a groove or a recess for pouring adhesive in the outer circumferential face of a tubular yoke to be fixed with the shaft and the ring magnet.

CONSTITUTION: A plurality of ring magnets 16 are fitted onto the outer circumferential face of a yoke 14. Since the inner diameter of the ring magnet 16 is approximately equal to the outer diameter of the yoke 16, no gap is formed and thereby the ring magnet 16 is fitted in balance onto the yoke 14. Epoxy resin adhesive is then poured through a knurl 18 opened to the end part of the yoke 14, thus adhering the yoke 14 and the ring magnet 16. Since the adhesive is poured into the knurl 18, it does not flow to the outer circumferential face of the yoke 14 thus forming no gap between the ring magnet 16 and the yoke 14.

COPYRIGHT: (C)1991,JPO&Japio